



Freeform Search

Database:	US Pre-Grant Publication Full-Text Database
	US Patents Full-Text Database
	US OCR Full-Text Database
	EPO Abstracts Database
	JPO Abstracts Database
	Derwent World Patents Index
	IBM Technical Disclosure Bulletins

Term:	L4 and (file near system)	 
--------------	---------------------------	--

Display:	<input type="text" value="100"/>	Documents in Display Format:	<input type="text" value="FRO"/>	Starting with Number	<input type="text" value="1"/>
-----------------	----------------------------------	-------------------------------------	----------------------------------	-----------------------------	--------------------------------

Generate:	<input type="radio"/> Hit List	<input checked="" type="radio"/> Hit Count	<input type="radio"/> Side by Side	<input type="radio"/> Image
------------------	--------------------------------	--	------------------------------------	-----------------------------

Search History

DATE: Sunday, January 21, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT; PLUR=YES; OP=OR

<u>L5</u>	L4 and (file near system)	8	<u>L5</u>
<u>L4</u>	L3 and crash\$	8	<u>L4</u>
<u>L3</u>	L2 and recover\$	11	<u>L3</u>
<u>L2</u>	zombie near file	13	<u>L2</u>
<u>L1</u>	zombie near filespace	1	<u>L1</u>

END OF SEARCH HISTORY

[Sign in](#)

Google

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

zombie filesize

Search

[Advanced Search](#)
[Preferences](#)**Web**Results 1 - 10 of about 861 for **zombie filesize**. (0.13 seconds)**File deletion and truncation using a zombie file space - Patent ...**

A method and system for reliably performing extra-long operations in a reliable state-full system (such as a file system). The file system includes a ...

www.freepatentsonline.com/6751635.html - 48k - [Cached](#) - [Similar pages](#)

MANIPULATION OF ZOMBIE FILES AND EVIL-TWIN FILES - Patent EP1311948

This separate portion of the file system is called the **zombie file space** ... The method of claim 1, wherein said second **file space** is a **zombie file space**. ...

www.freepatentsonline.com/EP1311948.html - 39k - [Cached](#) - [Similar pages](#)

[[More results from www.freepatentsonline.com](#)]

File deletion and truncation using a zombie file space - US Patent ...

File deletion and truncation using a **zombie file space** - US Patent 6751635 from Patent Storm. A method and system for reliably performing extra-long ...

www.patentstorm.us/patents/6751635-claims.html - 27k - [Cached](#) - [Similar pages](#)

Gmail, Yojimbo, Elggspaces, Biz Cellphones, Hydrogen « Info-Zombie

Info-Zombie. A gooey, squishy mashup of technology. Thu 9 Nov 2006 ... a quick note to say that Elgg Spaces is now free with unlimited users and **file space**. ...

richardbrackin.wordpress.com/2006/11/09/gmail-yojimbo-elggspaces-biz-cellphones-hydrogen/ - 9k - [Cached](#) - [Similar pages](#)

Monstee's Cave: 06.2005

... up in new cave and giving him all the shiny new backend stuff and **file space**. ... I'm glad the surge in popularity in the **zombie** genre finally allowed ...

www.meamonstee.com/archives/2005_06_01_monsteescave_archive.html - 58k - [Cached](#) - [Similar pages](#)

tallghost

... but my account is somehow messed up so that I can't manage my **file space** (in ... A **zombie** walk usually terminates in a graveyard, but not always. ...

tallghost.blog-city.com/ - 28k - [Cached](#) - [Similar pages](#)

UCI's NACS News

(This intermediate computer is called a **Zombie**). ... future through UCInetID authentication, including access to network **file space** for EA and E4E users. ...

www.nacs.uci.edu/news/2001.4.html - 10k - [Cached](#) - [Similar pages](#)

[PDF] Using Strategic Firewall Placement to Mitigate the Effects of ...

File Format: PDF/Adobe Acrobat - [View as HTML](#)

file space, or any other resource that is necessary for normal operation. ... DDoS attack is typically referred to as a '**zombie**' or 'bot.' ...

www.eng.auburn.edu/users/hamilton/security/Workshop2004/Strategic%20Firewall%20Placement.pdf - [Similar pages](#)

John Kenneth Muir's Reflections on Film/TV: TV REVIEW: Masters ...

But - shock - the **zombie** soldiers are against the war. ... Retro TV **File - Space**:1999 · Retro TV **File - Space** Academy · Retro TV **File - Star Trek**: The ...

www.inblogs.net/reflectionsonfilmandtelevision/2006/01/tv-review-masters-of-horror-homecoming.html - 95k - [Cached](#) - [Similar pages](#)

[PPT] [BSD Design Overview](#)

File Format: Microsoft Powerpoint - [View as HTML](#)

zombie. process. wait(). fork(). execve() ... special kind of pipe, appears in **file space**; one process uses open() for reading; one process uses open() for ...

www.hpdc.syr.edu/~chapin/cis657/design.ppt - [Similar pages](#)

Result Page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [Next](#)

Get organized for the new year with [Google Desktop](#).

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2007 Google

First Hit Fwd Refs
End of Result Set

Previous Doc Next Doc Go to Doc#

☐ Generate Collection Print

L1: Entry 1 of 1

File: USPT

Jun 15, 2004

US-PAT-NO: 6751635

DOCUMENT-IDENTIFIER: US 6751635 B1

TITLE: File deletion and truncation using a zombie file space

DATE-ISSUED: June 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Ray	Campbell	CA		
Edwards; John K.	Sunnyvale	CA		
Patel; Kayuri	Cupertino	CA		

US-CL-CURRENT: 707/200; 707/10, 707/202, 707/206

CLAIMS:

What is claimed is:

1. A method of operating a file server, comprising the steps of: identifying a file for deletion or truncation; making said file unavailable to system users in a first file space; linking said file to a second file space used for longer file operations than those performed in said first file space; freeing blocks of said file while maintaining file consistency between check-pointed intervals; and delinking said file from said second file space and making said file available to system users in said first file space if said file was identified for truncation.
2. The method of claim 1, wherein said file is a composite file.
3. The method of claim 1, wherein each element of said composite file is deleted or truncated separately.
4. The method of claim 1, wherein deleting or truncating said file is performed in atomic units.
5. The method of claim 1, wherein said second file space is a zombie file space.
6. A method of operating a file server, comprising the steps of: identifying a file for truncation; making said file unavailable to system users in a first file space; moving a portion of said file to a second file; linking said second file to a second file space used for longer file operations than those performed in said first file space; making said file available to system users in said first file space; and deleting said second file while maintaining file consistency between check-pointed intervals.

7. The method of claim 6, wherein deleting said second file is performed in atomic units.

8. The method of claim 6, wherein said second file space is a zombie file space.

9. A file server, comprising: a processor; memory; a network interface; and mass storage; wherein said processor operates under program control in said memory to control access to said mass storage, said program control including the steps of: (a) identifying a file for deletion or truncation; (b) making said file unavailable to system users in a first file space; (c) linking said file to a second file space used for longer file operations than those performed in said first file space; (d) freeing blocks of said file while maintaining file consistency between check-pointed intervals; and (e) delinking said file from said second file space and making said file available to system users in said first file space if said file was identified for truncation.

10. The file server of claim 9, wherein said file is a composite file.

11. The file server of claim 9, wherein each element of said composite file is deleted or truncated separately.

12. The file server of claim 9, wherein deleting or truncating said file is performed in atomic units.

13. The file server of claim 9, wherein said second file space is a zombie file space.

14. A file server, comprising: a processor; memory; a network interface; and mass storage; wherein said processor operates under program control in said memory to control access to said mass storage, said program control including the steps of: (a) identifying a file in said mass storage for truncation; (b) making said file unavailable to system users in a first file space; (c) moving a portion of said file to a second file; (d) linking said second file to a second file space used for longer file operations than those performed in said first file space; (e) making said file available to system users in said first file space; and (f) deleting said second file while maintaining file consistency between check-pointed intervals.

15. The file server of claim 14, wherein deleting said second file is performed in atomic units.

16. The file server of claim 14, wherein said second file space is a zombie file space.

17. A memory storing a program, said program comprising the steps of: identifying a file for deletion or truncation; making said file unavailable to system users in a first file space; linking said file to a second file space used for longer file operations than those performed in said first file space; freeing blocks of said file while maintaining file consistency between check-pointed intervals; and delinking said file from said second file space and making said file available to system users in said first file space if said file was identified for truncation.

18. The memory of claim 17, wherein said file is a composite file.

19. The memory of claim 17, wherein each element of said composite file is deleted or truncated separately.

20. The memory of claim 17, wherein deleting or truncating said file is performed in atomic units.

21. The memory of claim 17, wherein said second file space is a zombie file space.

22. A memory storing a program, said program comprising the steps of: identifying a file for truncation; making said file unavailable to system users in a first file space; moving a portion of said file to a second file used for longer file operations than those performed in said first file space; linking said second file to a second file space; making said file available to system users in said first file space; and deleting said second file while maintaining file consistency between check-pointed intervals.

23. The memory of claim 22, wherein deleting said second file is performed in atomic units.

24. The memory of claim 22, wherein said second file space is a zombie file space.

25. The method of claim 1, further comprising the steps of delinking said file from said second file space and making said file available to system users in said first file space if said file was identified for deletion.

26. The file server of claim 9, wherein said program control further includes the steps of (f) delinking said file from said second file space and making said file available to system users in said first file space if said file was identified for deletion.

27. The memory of claim 17, wherein said program further comprises the steps of delinking said file from said second file space and making said file available to system users in said first file space if said file was identified for deletion.

[Previous Doc](#)

[Next Doc](#)

[Go to Doc#](#)

[The UNIX Forums](#) > [Network Computing Topics](#) > [C Programming in the UNIX Environment](#) > [Zombie Files on a HP-UX](#)

[PDA](#)

View Full Version : [Zombie Files on a HP-UX](#)

JackieRyan26

12-20-2001, 11:30 AM

How can you find a zombie file on the system. I have been in the database side of the system to search for Orphan files removed the orphan files, but still got the zombie file. When you run a top command it says there is a zombie process that is running i would like to find it. How can i do that?

Thanks

PxT

12-20-2001, 01:07 PM

A zombie process is created when a parent process dies without cleaning up its children properly. AFAIK there is nothing you can do to clean them up after the fact except reboot. They generally dont cause any harm though. If you are seeing many zombies you should investigate which program is causing them and fix the problem.

JackieRyan26

12-20-2001, 01:31 PM

Thank you that is what i thought but was not too sure and i am not going to kill it since it is my complete database that caused this zombie process.

Thanks

WayneYang

12-20-2001, 10:47 PM

About zombie processes, I have several opinion.

1) The cause lead to generation of zombie is, when the child processes stop (as you know, a signal of SIGCHLD will be sent to the father process), normally the father should do something with the signal SIGCHLD with the system call wait() or waitpid(). But if the father process encounters a logical error in his internal procedure. certainly the signal SIGCHLD is blocked. so the father can not release the resource occupied by his child processes. you can run 'ps -ef|grep defunct' to search all the zombies.

2) To solve this problem. you can kill the father process of all the dufunct processes. the initial process 'init' will release all the zombies automatically.

Another thing, I am from China. So my english language may be not good enough to interpret all your doubtness! Thank you!

Perderabo

12-21-2001, 09:43 AM

I basicly agree with WayneYang. Every time you see a zombie on ps, look at the ppid field to find the parent program that is ignoring the death of its children. That program really has a bug and it should be fixed. And if you kill that parent, init will inherit the zombies and reap them.

But there is nothing wrong with ignoring SIGCHLD. Lots of well behaved programs simply issue the wait() call at the proper time.

harismn

01-15-2002, 02:20 AM

try this:

```
while ((ret = waitpid((pid_t)-1, &status, WNOHANG)) != 0) {
    printf("ret : %d", ret);
}
```

put this in your main loop and it will remove all defunct processes.

vBulletin v3.0.6, Copyright ©2000-2007, Jelsoft Enterprises Ltd.

YOU SPEND. YOU SCORE.

*SEE CONDITIONS

0% Intro APR on Purchases for 6 Months.*
No Annual Fee. VIP Sports Rewards.



**ESPN TOTAL AGG
VISA CARD**

**CLICK HERE TO
APPLY NOW**

[Sign in](#)

Google

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

zombie file

Search

[Advanced Search](#)
[Preferences](#)**Web**Results 11 - 20 of about 1,390,000 for **zombie file**. (0.09 seconds)**MTV News | A Perfect Circle, Rob **Zombie** Battle The Undead On ...**

Rob **Zombie** and A Perfect Circle will contribute new recordings to the soundtrack for "Resident Evil: Apocalypse," ... By Jon Wiederhorn. Rob **Zombie** (file) ...
www.mtv.com/news/articles/1489259/20040707/index.jhtml?headlines=true - 16k -
[Cached](#) - [Similar pages](#)

Black and White 2 Files - **Zombie Hand Info**

This is a file which gives you the **zombie** hand from BOTG. Install: put bhand in
"C:\Program Files\Lionhead Studios\Black & White 2\Data\ctr" ...
blackandwhite2.filefront.com/file/**Zombie**_Hand;65448 - 64k - [Cached](#) - [Similar pages](#)

Black and White 2 Files - Be The **Zombie God Info**

Be The **Zombie** God - Quote:This is a file that gives you the **zombie** hand and ape.
blackandwhite2.filefront.com/file/Be_The_**Zombie**_God;65142 - 66k -
[Cached](#) - [Similar pages](#)

Jedi Knight Files - **Zombie Reborn Info**

Zombie Reborn - I think this author has skipped my #1 step on how to make a skin: have
something in mind before you start. Jabbing random buttons in phot...
jediknight2.filefront.com/file/**Zombie**_Reborn;74532 - 72k - [Cached](#) - [Similar pages](#)

Dictionary of Norton Internet Security and Norton Personal ...

In addition, popular antivirus programs such as Norton AntiVirus can detect specific **zombie**
files and remove them from your computer. ...
service1.symantec.com/.../2002042913273736?Open&
docid=2002025848020166&nsf=nip.nsf&view=pdfdocs - 67k - [Cached](#) - [Similar pages](#)

Half-Life 2 Files - Half-Life 2: The Fallen: **Zombie machinima Info**

Half-Life 2: The Fallen: **Zombie** machinima - Filmed in Gmod9, I like to think of this as my
best piece. It uses 4 faceposer scenes (just to play the ...
halflife2.filefront.com/file/HalfLife_2_The_Fallen_**Zombie**_machinima;74307 - 76k -
[Cached](#) - [Similar pages](#)

Half-Life 2 Files - Half-Life **Zombie Panic v1.0 Full Patch Info**

Half-Life **Zombie** Panic v1.0 Full Patch - **Zombie** Panic, a **zombie**-survival mod for Half-Life
1, has released version 1.0. Check the readme for a list of ...
halflife2.filefront.com/file/HalfLife_**Zombie**_Panic_v10_Full_Patch;49496 - 78k -
[Cached](#) - [Similar pages](#)

.[packet storm]. - http://packetstormsecurity.org/

File Name:, **zombie**.tar. **Description:**, **Zombie** Zapper Unix version 1.0 - **Zombie** Zapper
[tm] is a free, open source tool that can tell a **zombie** system flooding ...
packetstormsecurity.nl/distributed/**zombie**/ - 30k - [Cached](#) - [Similar pages](#)

The Movies Files - **Zombie Panic 2 Info**

Zombie Panic 2 - This is a simply amazing movie by "Hitman Games". It is a story about
"Luke" and his girlfriend, zombies have risen o...
themovies.filefront.com/file/**Zombie**_Panic_2;68765 - 62k - Jan 19, 2007 -
[Cached](#) - [Similar pages](#)

The Movies Files - Zombies on Strike Info

Zombies on Strike - This is a funny **zombie** movie by Showbiz1234. It is about a group of zombies who are sick of being the bad guys in movies and are now o.
themovies.filefront.com/file/Zombies_on_Strike;70075 - 61k - Jan 19, 2007 -
[Cached](#) - [Similar pages](#)

Result Page: **Previous** [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) **Next**

Get organized for the new year with [Google Desktop](#).

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2007 Google

[Sign in](#)

Google

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [more »](#)

zombie file

Search

[Advanced Search](#)
[Preferences](#)**Web**Results 1 - 10 of about 1,390,000 for **zombie file**. (0.12 seconds)Did you mean: **[zombiefile](#)****[The UNIX Forums - Zombie Files on a HP-UX](#)**

How can you find a **zombie file** on the system. I have been in the database side of the system to search for Orphan files removed the orphan files, ...

www.unix.com/archive/index.php/t-3695.html - 6k - [Cached](#) - [Similar pages](#)

[File deletion and truncation using a zombie file space - Patent ...](#)

A method and system for reliably performing extra-long operations in a reliable state-full system (such as a **file** system). The **file** system includes a ...

www.freepatentsonline.com/6751635.html - 48k - [Cached](#) - [Similar pages](#)

[SLUG Mailing List Archives - \[SLUG\] zombie file?](#)

To: slug@xxxxxxxxxxx; Subject: [SLUG] **zombie file**? From: James Gregory
<james@xxxxxxxxxxx>; Date: Sun, 02 May 2004 16:41:10 +1000 ...

lists.slug.org.au/archives/slug/2004/05/msg00013.html - 5k - [Cached](#) - [Similar pages](#)

[SLUG Mailing List Archives - Re: \[SLUG\] zombie file?](#)

To: slug@xxxxxxxxxxx; Subject: Re: [SLUG] **zombie file**? From: Rob Weir
<rweir@xxxxxxxxxxx>; Date: Tue, 11 May 2004 20:49:04 +1000; User-agent: Mutt/1.5.6i ...

lists.slug.org.au/archives/slug/2004/05/msg00225.html - 6k - [Cached](#) - [Similar pages](#)

[A New Kind Of Zombie File Sharing](#)

A New Kind Of **Zombie File** Sharing. ... A New Kind Of **Zombie File** Sharing 02/05/05 - Business - Chet - 4 Comments Not Rated - Rate This! ...

www.poe-news.com/stories.php?poeurlid=44748 - 7k - [Cached](#) - [Similar pages](#)

[Jedi Knight Files - Zombie Info](#)

Zombie - Skin rating: * * (out of four) Bot Support: No NPC Support: No Team Support: No New Sounds: No Dark DuDe's "**Zombie**" c...

jediknight2.filefront.com/file/Zombie;50185 - 82k - [Cached](#) - [Similar pages](#)

[File deletion and truncation using a zombie file space - US Patent ...](#)

File deletion and truncation using a **zombie file** space - US Patent 6751635 from Patent Storm. A method and system for reliably performing extra-long ...

www.patentstorm.us/patents/6751635-description.html - 40k - [Cached](#) - [Similar pages](#)

['Zombies' file lawsuit against city of Mpls.](#)

'Zombies' **file** lawsuit against city of Mpls. ... The lawsuit claims the **zombie** event was intended to "satirize contemporary commercial culture" and the ...

www.kstp.com/article/stories/S20211.html - 12k - [Cached](#) - [Similar pages](#)

[Reason Magazine - Hit & Run > Zombies of the World, Unite](#)

I love zombies, but I'm bored by **zombie** films. There is nothing new left. The plot of every **zombie file**: 1. a handful of people hold up in some make-shift ...

www.reason.com/blog/show/110049.html - 69k - [Cached](#) - [Similar pages](#)

[Stubbs the Zombie in "Rebel without a Pulse" Macintosh Downloads ...](#)

For all the latest Stubbs the **Zombie file** downloads, including demos, patches, and mods,

make sure to also check out 1UP's FileFront.com. ...

www.1up.com/do/download?cld=3138767&sec=FILES - 62k - [Cached](#) - [Similar pages](#)

Did you mean to search for: **zombiefile**

Result Page: 1 2 3 4 5 6 7 8 9 10 **Next**

Get organized for the new year with [Google Desktop](#).

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied?](#) [Help us improve](#)

[Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

©2007 Google